

ship wk of June 3

Work Order ID 102567

102567

Page 1

June-03-13 7:45:48 AM

Item ID: D350-689-013

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Floor Provisions

Start Date: 6/03/13 Start Qty: 2.00

2

Cust Item ID:

Required Date: 6/04/13 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan: ✓ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
DSI9588	B
IIN D350-689	B

100

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy D350-689 bluefile & type labels per PPP D350-689-013 CHG 005

101

Pick Kit

0.00

101

Packaging

Memo

0.00

Packaging

2x
13-6-2
SP

Work Order ID 102567

June-03-13 7:45:48 AM

102567

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Item ID: D350-689-013

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Floor Provisions

Start Date: 6/03/13 Start Qty: 2.00 *2*

Cust Item ID:

Required Date: 6/04/13 Req'd Qty: 2.00 *2*

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
110 *110* QC Quality Control	QC4- 100% Inspect kits for completeness Memo	0.00 0.00				2			
120 *120* Packaging Packaging	Packaging Memo Identify and pack for shipping as per PPP D350-689-013 Location: 010 PPP Rev: P	0.00 0.00				2		13/6/4	
130 *130* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.00						MLJ 13-06-05	

Pl B-4

Picklist Print

June-03-13 7:45:48 AM

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Work Order ID: 102567
Parent Item: D350-689-013
Parent Item Name: Floor Provisions

Start Date: 6/03/13

Required Date: 6/04/13

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP rev D 06.02.07 Re-format ec
IPP rev E 06.02.28 Fixed typo ec
IPP rev.F 07.01.02 per dsi 9311 ec
D3033-1 DD verf:EC IPP REV;H 11.11.17 PER IIN REVB DD VERF;EC IPP
REV:I 11.11.24 AS PER ECN11-674 DD VERF:EC IPP REV:J 12.11.20 AS PER DSI9588
REV.B DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4575-3 Doubler		Manufactured	No			110	Each	5.0000	0	2	SP		OK
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST177		5							
				97917		5							
D3025-1 Beam		Manufactured	No			110	Each	8.0000	0	2	SP		OK
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST177		8							
				86739		1							
				94586		1							
				95370		6							
D4575-1 Beam		Manufactured	No			110	Each	5.0000	0	2	SP		OK
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST177		5							
				95943		2							
				97998		3							
D3027-1 Clip		Manufactured	No			110	Each	15.0000	0	2	SP	13-6-2	OK
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST024		15							
				22566		3							
				96360		12							

Picklist Print

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Parent Item Name: Floor Provisions

Start Date: 6/03/13

Required Date: 6/04/13

Start Qty: 2.00

Required Qty: 2.00

D3027-3 Clip	Manufactured	No	110	Each	5.0000	
<i>SMD 2X</i>	<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>	
	ST024		5			
	86972		5			
D3027-5 Clip	Manufactured	No	110	Each	5.0000	
<i>SMD 2X</i>	<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>	
	ST024		5			
	93058		5			
D3027-7 Clip	Manufactured	No	110	Each	11.0000	
<i>SMD 2X</i>	<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>	
	ST024		11			
	97718		11			
D3032-1 Spacer	Manufactured	No	110	Each	3.0000	
<i>SMD 2X</i>	<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>	
	ST177		3			
	68532		2			
	92822		1			
D3033-1 Seat Track	Manufactured	No	110	Each	8.0000	
<i>SMD 2X</i>	<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>	
	ST177		8			
	92176		2			
	95866		6			

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Shop Packet Print

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Page 3

Work Order ID: 102567
Parent Item: D350-689-013
Parent Item Name: Floor Provisions

Start Date: 6/03/13

Required Date: 6/04/13

Start Qty: 2.00

Required Qty: 2.00

D3234-1

Doubler

Manufactured No

110 Each 8.0000

1 *2* *sp* *SK*

Shp 2X

Location

Loc Qty

Loc Code

ST177

7

88274

7

2x

ST232

1

77066

1

D3234-5

Spacer

Manufactured No

110 Each 10.0000

2 *4* *sp* *SK*

Shp 2X

Location

Loc Qty

Loc Code

ST034

10

92835

10

4x

MS2105913

Nut Plate

Purchased No

110 Each 347.0000

12 *24* *sp* *SK*

Shp 2X

Location

Loc Qty

Loc Code

ST316

291

124291

7

2x

125535

284

ST506

56

24x

124308

56

MS24693-S273

Screw

Purchased No

110 Each 645.0000

2 *4* *sp 13-6-2* *SK*

Shp 2X

Location

Loc Qty

Loc Code

ST301

645

100151

545

4x

117291

100

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Page 4

Work Order ID: 102567
 Parent Item: D350-689-013
 Parent Item Name: Floor Provisions

Start Date: 6/03/13

Required Date: 6/04/13

Start Qty: 2.00

Required Qty: 2.00

MS27039-1-10
 Screw

Purchased No

110 Each 472.0000

6

12

SP

SP

Location Loc Qty Loc Code

GA 100
 120449 100
 ST305 301
 122815 1
 124859 100
 125654 200
 ST308 18
 123522 18
 ST506 53
 124326 53

SP 2X

NAS1149D0332J
 Washer

Purchased No

110 Each 3,723.0000

6

12

SP 13-6-2

SP

Location Loc Qty Loc Code

ST293 301
 125268 301
 ST294 3422
 122973 68
 125044 354
 m125807 3000

SP 2X

12x

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4.0 PARTS LIST CHANGE

REFERENCE ONLY

The parts list of D350-689-021/-023 at CHG 005/004 or later is amended as follows:

5. PARTS LIST (IIN-D350-689)

25.10 PARTS LIST (ICA-D350-689)

IS:

Qty -011	Qty -013	Qty -015	Qty -017	Qty -019	Qty -021	Qty -023	Qty -041	Qty -043	Part Number	Description
X									D350-689-011	DUAL HIGH BACK SEAT INSTALLATION, LH
1	X								D350-689-013	FLOOR PROVISIONS KIT
		X							D350-689-015	SEAT MODIFICATION KIT
			X						D350-689-017	SHOULDER HARNESS KIT
				X					D350-689-019	CONTROL GUARD KIT
					X				D350-689-021	DUAL HIGH BACK SEAT INSTALLATION, LH
					1	X			D350-689-023	ENERGY ATTENUATING FLOOR PROVISIONS KIT
1							X		D350-689-041	DUAL HIGH BACK SEAT ASSEMBLY
					1			X	D350-689-043	DUAL HIGH BACK SEAT ASSEMBLY
									D3026-1	CHANNEL (REMOVED)
									D3234-3	DOUBLER (REMOVED)
						1			D4575-1	IBEAM (REPLACES D3026-1)
						1			D4575-3	DOUBLER (NEW)

WAS:

Qty -011	Qty -013	Qty -015	Qty -017	Qty -019	Qty -021	Qty -023	Qty -041	Qty -043	Part Number	Description
X									D350-689-011	DUAL HIGH BACK SEAT INSTALLATION, LH
1	X								D350-689-013	FLOOR PROVISIONS KIT
		X							D350-689-015	SEAT MODIFICATION KIT
			X						D350-689-017	SHOULDER HARNESS KIT
				X					D350-689-019	CONTROL GUARD KIT
					X				D350-689-021	DUAL HIGH BACK SEAT INSTALLATION, LH
					1	X			D350-689-023	ENERGY ATTENUATING FLOOR PROVISIONS KIT
1							X		D350-689-041	DUAL HIGH BACK SEAT ASSEMBLY
					1			X	D350-689-043	DUAL HIGH BACK SEAT ASSEMBLY
	1					1			D3026-1	CHANNEL
	1					1			D3234-3	DOUBLER

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *D. Shepherd*
D. SHEPHERD (DE #02)

DATE: 12.11.09
CERT. NO.: SH02-33
ISSUE NO.: 1

DESIGN	B	DART AEROSPACE LTD	
DRAWN	B	HAWKESBURY, ONTARIO, CANADA	
CHECKED	TH	DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9588	SHEET 6 OF 6
APPROVED	TH	TITLE	SCALE
DE APPR.	TH	INSTALLATION CHANGE	NTS
DATE	12.11.09	COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

4. WEIGHT AND BALANCE

The following weight and balance information is for the Dart Dual High Back Seat Installation. The weight and balance of the parts that are removed from the aircraft to perform this installation are the responsibility of the installer.

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-689-011 Dual High Back Seat Installation, Fwd Position	27.6 lb 12.5 kg	-18.2 in -0.46 m	-502 in-lb -5.8 m-k-g	60.7 in 1.54 m	1675 in-lb 19.3 m-k-g
D350-689-013 Floor Provisions Kit, Fwd Position	2.0 lb 0.9 kg	-18.2 in -0.46 m	-36 in-lb -0.4 m-k-g	60.7 in 1.54 m	121 in-lb 1.4 m-k-g
D350-689-011 Dual High Back Seat Installation, Aft Position	28.1 lb 12.7 kg	-18.2 in -0.46 m	-511 in-lb -5.8 m-k-g	63.7 in 1.62 m	1790 in-lb 20.57 m-k-g
D350-689-013 Floor Provisions Kit, Aft Position	3.1 lb 1.4 kg	-18.2 in -0.46 m	-56 in-lb -0.6 m-k-g	62.2 in 1.58 m	193 in-lb 2.2 m-k-g
D350-689-015 Seat Modification Kit	1.0 lb 0.5 kg	-17.2 in -0.44 m	-17 in-lb -0.22 m-k-g	60.7 1.54 m	61 in-lb 0.77 m-k-g
D350-689-017 Shoulder Harness, Fwd Position	4.4 lb 2.00 kg	-18.2 in -0.46 m	-80.1 in-lb -0.92 m-k-g	60.7 in 1.54 m	267 in-lb 3.08 m-k-g
D350-689-017 Shoulder Harness, Aft Position	4.4 lb 2.00 kg	-18.2 in -0.46 m	-80.1 in-lb -0.92 m-k-g	64.7 in 1.64 m	285 in-lb 3.28 m-k-g
D350-689-019 Control Guard, Fwd Position	0.5 lb 0.23 kg	-9.0 in -0.23 m	-4.5 in-lb -0.05 m-k-g	60.7 in 1.54 m	30 in-lb 0.35 m-k-g
D350-689-019 Control Guard, Aft Position	0.5 lb 0.23 kg	-9.0 in -0.23 m	-4.5 in-lb -0.05 m-k-g	64.7 in 1.64 m	32 in-lb 0.38 m-k-g
D350-689-021 Dual High Seat Back Installation, LH Fwd Position	29.2 lb 13.2 kg	-18.2 in -0.46 m	-531 in-lb -6.1 m-k-g	60.7 in 1.54 m	1772 in-lb 20.3 m-k-g
D350-689-021 Dual High Seat Back Installation, LH Aft Position	29.2 lb 13.2 kg	-18.2 in -0.46 m	-531 in-lb -6.1 m-k-g	64.7 in 1.64 m	1889 in-lb 21.6 m-k-g
D350-689-023 Energy Attenuating Floor Provisions Kit	2.5 lb 1.1 kg	-18.2 in -0.46 m	-46 in-lb -0.5 m-k-g	62.2 in 1.58 m	156 in-lb 1.7 m-k-g

5. PARTS LIST

Qty -011	Qty -013	Qty -015	Qty -017	Qty -019	Qty -021	Qty -023	Qty -041	Qty -043	Part Number	Description
X									D350-689-011	DUAL HIGH BACK SEAT INSTALLATION, LH
1	X								D350-689-013	FLOOR PROVISIONS KIT
		X							D350-689-015	SEAT MODIFICATION KIT
			X						D350-689-017	SHOULDER HARNESS KIT
				X					D350-689-019	CONTROL GUARD KIT
					X				D350-689-021	DUAL HIGH BACK SEAT INSTALLATION, LH
					1	X			D350-689-023	ENERGY ATTENUATING FLOOR PROVISIONS KIT
1							X		D350-689-041	DUAL HIGH BACK SEAT ASSEMBLY
					1			X	D350-689-043	DUAL HIGH BACK SEAT ASSEMBLY
							2	2	D3016-041	SEAT FRAME ASSEMBLY
							1	1	D3017-041	BACK FRAME ASSEMBLY
1					1				D3018-1	SEAT CUSHION
1					1				D3019-1	BACK CUSHION
							1	1	D3021-041	TUBE ASSEMBLY
							1	1	D3022-1	SEAT PAN
							1	1	D3023-1	BACK PANEL
							3	3	D3024-1	SPACER,
									D3025-1	BEAM

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Revision: B

Date: 11.07.22

Qty -011	Qty -013	Qty -015	Qty -017	Qty -019	Qty -021	Qty -023	Qty -041	Qty -043	Part Number	Description
	1					1			D3026-1	CHANNEL
	1								D3027-1	CLIP
	1								D3027-3	CLIP
	1								D3027-5	CLIP
	1								D3027-7	CLIP
	4					4			D3028-1	STUD
							4		D3029-1	SPRING
		2					2		D3030-1	LOCK
		2					2		D3031-1	LOOP
								2	D3032-1	SPACER
	2								D3033-1	SEAT TRACK
		1							D3059-1	STUD
		4							D3060-1	BUSHING
		4							D3061-1	RADIUS BLOCK
		4							D3084-3	STRUT
				1					D3234-1	DOUBLER
	1								D3234-3	DOUBLER
	1					1			D3234-5	SPACER
	2							2	D3808-041	SEAT RAIL ASSEMBLY
								4	D3809-1	SLIDING BLOCK
						1			D3811-041	SEAT TRACK ASSEMBLY
									D4071-041	SHOULDER HARDNESS ASSY
			2							
							3	3	AN3-12A	BOLT
									AN4-12A	BOLT
				1					AN4-20A	BOLT
				1					AN5-4A	BOLT
			2							
							40	40	MS20600AD4W2	RIVET
							6	6	MS20600AD4W3	RIVET
						9	17	17	MS21042L3	NUT (OR MS21042-3)
							6	6	MS21042L4	NUT (OR MS21042-4)
				2					MS21042L5	NUT (OR MS21042-5)
		4	2						MS21059L3	NUTPLATE
	12	4						4	MS24693-S272	SCREW
	2	1							MS24693-S273	SCREW
								8	MS24694-S3	SCREW
						9			MS24694-S50	SCREW
								4	MS24694-S148	SCREW
									MS27039-1-10	SCREW
	6	3					4	4	MS27039-1-17	SCREW
							6	6	MS27039-1-19	SCREW
							6	6	MS27039-4-21	SCREW
							17	17	NAS1149D0332J	WASHER (OR AN960JD10L)
	6	3				9			NAS1149D0363J	WASHER (OR AN960JD10)
					8				NAS1149D0416J	WASHER (OR AN960JD416L)
							6	6	NAS1149D0432J	WASHER (OR AN960JD416)
									NAS1149D0516J	WASHER (OR AN960JD516L)
			4						NAS1149D0563J	WASHER (OR AN960JD516)
				2					NAS43DD4-46N	SPACER

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Revision: B
Date: 11.07.22

ship with of June 3

Work Order ID 102567

102567

Page 1

June-03-13 7:45:48 AM

Item ID: D350-689-013

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Floor Provisions

Start Date: 6/03/13 Start Qty: 2.00

2

Cust Item ID:

Required Date: 6/04/13 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan: ✓ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
DSI9588	B								
IIN D350-689	B								
100	DOCUMENT CONTROL	0.00							
100									
DC	Memo	0.00							
Document Control	Photocopy D350-689 bluefile & type labels per PPP D350-689-013 CHG 005								
101	Pick Kit	0.00							
101									
Packaging	Memo	0.00							
Packaging									

MJ 13-06-03

2